

1 ENLARGED SITE PLAN
3/32" = 1'-0"



	EXISTING BUILDING	7,785 SF
	PROPOSED ADDITION	1,670 SF
	(N) CONCRETE 5'-0" SIDEWALK	1,911 SF
	(N) 4'-0" PLANTER STRIP	
	(N) PAVEMENT	395 SF
	(E) CONCRETE PAVEMENT	

SECTION I - GOVERNING CODES

GENERAL
2015 INTERNATIONAL BUILDING CODE (2015 IBC)
WAC 51-52

SECTION II - BUILDING CONSTRUCTION DATA

OCCUPANT GROUP
OCCUPANCY CLASSIFICATION: (2015 IBC TABLE 306)
CHAPTER 3 - USE AND OCCUPANCY
ASSEMBLY A-2 - HALLS AND GAMING AREAS
GROUP B - OFFICE/KITCHEN

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES

A - B NON-SPRINKLERED 2-HR REQUIRED

508.2.3 - ALLOWABLE BUILDING AREA

THE ALLOWABLE AREA OF THE BUILDING SHALL BE BASED ON THE APPLICABLE PREVISIONS OF THE SECTION 506 FOR THE MAIN OCCUPANCY OF THE BUILDING.

AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED AND SHALL NOT EXCEED THE TABULAR VALUES FOR UNSPRINKLERED BUILDINGS IN THE TABLE 506.2 FOR EACH SUCH ACCESSORY OCCUPANCY.

CONSTRUCTION TYPE
SECTION 602-CONSTRUCTION CLASSIFICATION

TABLE 602-FIRE-RESISTIVE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE.

FIRE SEPARATION DISTANCE GREATER THAN 30'

FIRE SEPARATION PROVIDED ALL SIDES GREATER THAN 30', THEREFORE NO RATING IS REQUIRED AT EXTERIOR WALLS,

*A"-OCCUPANCY 0' REQUIRED.

d) THE FIRE RESISTIVE RATING OF AN EXTERIOR WALL IS DETERMINED BASED UPON THE "FIRE SEPARATION DISTANCE" OF THE EXTERIOR WALL AND THE STORY IN WHICH IT IS LOCATED.

CHAPTER 2- DEFINITIONS
FIRE SEPARATION DISTANCE - THE DISTANCE MEASURED FROM THE BUILDING FACE TO ONE OF THE FOLLOWING;

1. CLOSEST INTERIOR LOT LINE.
2. TO THE CENTERLINE OF A STREET, AN ALLEY, OR A PUBLIC WAY.
3. TO AN IMAGINARY LINE BETWEEN TWO BUILDINGS ON THE SAME LOT.

SECTION III - BUILDING OCCUPANCY DATA

EXISTING ASSEMBLY HALLS
SM 1,188 SF /15= 80 PERSONS
LG 3,514 SF/ 15= 234 PERSONS

EXISTING KITCHEN
350 SF/200= 2 PERSONS

EXISTING OFFICE
400 SF/100= 3 PERSONS

PROPOSED ASSEMBLY HALL
1,235 SF/15= 84 PERSONS

TOTAL 403 PERSONS

SECTION IV - BUILDING AREA DATA

TOTAL BUILDING AREAS & HEIGHT:
(2015 IBC TABLE 506)
CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

TABLE 506.2
A-2 TYPE V-N NON-SPRINKLERED SINGLE LEVEL 6,000 SF

ALLOWABLE AREA INCREASES PER 506.3.3

ALLOWABLE BUILDING AREA PER TABLE 506.2
A-2 NON-SPRINKLERED TYPE V-N BUILDING = 6,000 SF

BUILDING PERIMETER WALLS 445' LINEAR FEET= 445' "P"

BUILDING PERIMETERS
NORTH 94'-0"
EAST 98'-0"
SOUTH 114'-0"
EAST 88'-0"
TOTAL 394'-0" = 394' "F"

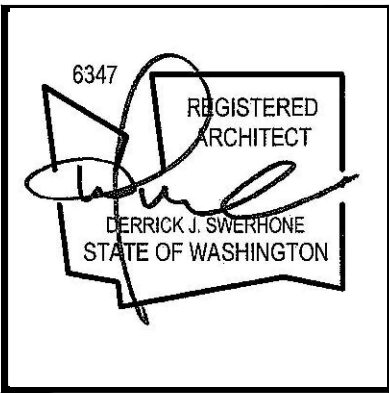
THEREFORE:
AREA INCREASE (I)= $[F/P-0.25] \times \frac{30}{.75}$
 $\frac{394}{63} - 0.63 \times 1$
SO; $6,000 \times .63 = 3,780$ SF

ALLOWABLE BUILDING AREA 6,000 + 3,780 = 9,780 SF

PROPOSED AREA 9,455 SF

PUBLIC WAY AT ALL PERIMETER SIDES, THEREFORE,
(9,38/9,358- 0.25) 30/30 EQUALS .75
.75 X 6,000 = ALLOWABLE INCREASE 4,500 SF

THEREFORE MAX. BUILDING AREA
4,500 + 6,000 = 10,400 SF
PROPOSED 9,455 SF



LEGION POST # 176 EXPANSION
TYPE-II SITE PLAN REVIEW SUBMITTALS

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CUTTING EDGE CONTRACTING, INC.

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SITE PLAN REVIEW
05/18/2021 REVIEW SET

ARCH - D 36 X 24

ENLARGED
SITE PLAN

A1.2
SITE PLAN REVIEW